

TISSUE OPENING LOCATOR AND EVERTER AND METHOD

Abstract of the Disclosure

An apparatus for facilitating the locating, everting, and closing of an opening in a blood vessel. The apparatus can include a closure instrument having an elongated member defining a longitudinal axis and proximal and distal ends. The elongated member has a vacuum lumen extending at least a portion of the length thereof for conveying a vacuum and terminating in a vacuum port adjacent the distal end of the elongated member. The distal end of the elongated member is dimensioned to be positioned proximal a vessel opening in a blood vessel whereby vessel edge portions defining the vessel opening are at least partially drawn toward the vacuum port in response to a vacuum conveyed through the vacuum lumen. At least one surgical clip is mounted adjacent the distal end of the elongated member and is adapted to be formed to an at least partially formed condition thereof. The one clip is positioned with respect to the vacuum port so as to engage the vessel edge portions drawn toward the vacuum port when the clip is moved to the formed condition, thus at least partially closing the vessel opening. A method for locating, everting, and closing an opening in a blood vessel is also disclosed.

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